

The 50 MHz DX Bulletin

Volume 18, Issue 3

March 2007

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Payments may be made to k6fv through PayPal. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. My web site is <http://www.qsl.net/k6fv>. The bulletin may be freely quoted, provided that credit is given.

DX Operations

Most of the listings in this column came from OZ6OM's DX News and SMIRK.

Vietnam, 3W9JR: OK1JR/NT3I has obtained a license for 12, 15, 17 and 20m CW/SSB only; and is hoping to obtain permission for the 6m and the low bands sometime during his two-year stay.

Bhutan, A52VE: Beginning in April, Kunio, JA8VE, expects to start a two year work assignment. He will be active on all bands plus 6m from the capital city of Thimphu.

Democratic Republic of Congo, 9Q1D: Gus is now active for evening TEP with 100W into a 4 el beam.

Zaire, 9Q1EK: Georges has been active on 160m and should also be active on 6m now with 200W to a 3el Yagi fixed on Europe.

Nigeria, 5N2/: Marek, SQ8JCA, has received his license and is now operating SSB only on 80-6m. He plans to be in the country until June 2007. Watch for him around 1100Z and after 1600Z.

San Marino Rep., T77NM: A mixed team plans 6m, 2m, & 70 cm operation from JN63FW during the Lyrids meteor shower, April 20-24.

Faroe Is., OY: Jan, OZ1IIL, is going to the Faroe Islands in April and is giving consideration to bringing equipment for 6m as well as HF.

Market Reef, OJ0: 3-4 operators are planning a DXpedition to Market Reef for July 1-7.

Iceland, TF/IW5DCE: Fabio, IW5DCE, will be on HF-6m over the next five months.

Greenland, OX60AD: is a special event station active on 80-6m during April observing the 60th anniversary of the U.S.A.F. base at Thule.

Alaskan Waters, W3EP/mm: Emil hopes to gain permission to operate onboard a commercial cruise ship June 19-23 as it sails through CO28, 29, 18, 27, 37, 36, 35, and 45. Look for him around 50.120 CW/SSB.

Canada, VY0ICE: Steve, VE2TKH, is active on 80-6m from Iqauluit, Baffin Is (NA-047) until May 30, 2007.

Bahamas, C6AGN: Bill plans to be active on 160-6m from March 23 until June 10.

Haiti, HH4/W3CMP: Chris hopes to be active from St.Louis du Nord, Haiti (grid FK39) from June 17-27.,

Dominican Republic, HI0C: An 6m expedition to Isla Cabras (NA-122)(grid FK39) is planned for June 9-17.

Mexico, 4A3IH: A group of XE operators plans to operate 6 and 2m from Roqueta Is between May 14-19 and Ixtapa Is between May 21-26.

Antigua, V26HS: Howard plans to be active again June 9-23 from a site on a 300' hill with over-water shot to Europe, and North and South America. He will take a 350W amp and 6 el Yagi for 6m and will be on 40, 20, 17, 15, 12 and 10m when 6 is not open. He will also be working 2m with large Yagi and power.

Aruba, P49MR: should be active on 6, 12, and 17m through April 2007.

Montserrat, VP2M: Graham, M0AEP/VP2MDD, indicates that his plans to activate Montserrat in June/July have taken a setback. Following recent heavy volcanic activity with pyroclastic flows the authorities have extended the exclusion zone as a precautionary measure and this now includes his QTH.

St.Vincent, J8: Jimmy, W6JKV, plans operation from the island of Bequia June 28-July 11.

Colombia, HK1DX: Maximo, EA1DDO plans a three month period of operation (March or later) in his spare time all the way from 160m through 70cm.

Swains Island, N8S: An international team of twelve experienced operators lead by Hrane Milosevic, YT1AD, and co-lead by David Collingham, K3LP, plan a multi-station operation including 6m between April 2-16. They will take a 24 hour boat ride from American Samoa and set up three camps, each of which will have 3 ICOM radios, ACOM amplifiers, and required antennas.

Tokelau Is. ,ZK3A: The Swain's Island team also plans 160-2m activity between April 16-19 from Tokelau Is. and **Samoa, 5W5AA:** between April 20-24.

Fiji, 3D2: A team from the Ukraine plans to operate 160-6m, first as 3D2AP, 3D2TZ, and 3D2UY from Taveuni Is from April 27 to May 3, and then as 3D2RI from Yanuca Is from May 3 to 7. Suggested six meter frequencies are 50.100 for CW and 50.110 for SSB. <http://www.3d2.dixer.com.ua>

Marshall Islands, V73NS: will be active on 160-6m from Roi-Namur for two years starting January 5. He is answering QSLs for contacts made 2003-5. www.qsl.net/v73ns

March 2007 DX Reports

The following reports of 50 MHz DX propagation are courtesy of JA1VOK, K6QXY, G4UPS, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

Listings obtained from the OH2AQ reflector include distances in kilometers. These are determined preferentially from the grids in the post, and otherwise from one or both of the prefixes of the calls. Note that the latter results in VERY rough approximations to the distances, especially for large countries and call areas. The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 2007. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, D=Telemetry Data, J=Digital, typically JT6M or JT65A for EME, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=head only, BSC = backscatter.

The reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, D=Telemetry Data, J=Digital, typically JT6M or JT65A for EME, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=head only. BSC = backscatter.

The reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, D=Telemetry Data, J=Digital, typically JT6M or JT65A for EME, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=head only. BSC = backscatter.

Reports of Africa

ASCENSION IS.
03282031 ZD8VHF 559 TEP 5022 50..033 B CT1HZE
03282134 ZD8VHF 449 5281 50..033 B CU3EQ
03292104 ZD8VHF 529 TEP 5022 50..033 B CT1HZE

CANARY IS.

03051544 EA8/G8BOG MS PETER 1365 230 J CT1FFU
03281950 Q01D 549 JT175 5264
03281950 Q01D 549 JT175 5264

Egypt 03121127 SU5HR 33 HEHAL 2171 50.102 UT4UO

ZIMBABWE
03281704 222JE 59>JM49OH 6709 50.115 IS0GQX
03281712 222JE 6234 50.115 IT9KSS
03281715 222JE 6385 50.115 IT9ESW
03281722 222JE 57 6312 50.110 SV1ACK
03281722 222JE 59>JM77OC 6292 50.115 IT9BOR

MAURITANIA 03231953 5T5SN 57 >HM68

50..026 B CU3AA

CHINA

03290948 BD4SI PM01>PK10 2343 50.110 PA0HIP/DU

NAMIBIA

03081711 V51VHF 599 6832 50..021 B EA6VQ
03081712 V51VHF 599 7473 50..021 B IZ0AEF
03081724 V51VHF JG87GN 55 6681 ..021 B IT9ESW
03081725 V51VHF 559 6928 50..021 B CT1HZE
03081730 V51VHF 419 QSB>JO40 8014 B DJ8OG
03081735 V51VHF 559 6722 50..021 B SV1RK

ST HELENA IS

03251805 ZD7VC 557>HM68KP 6445 ..006 CT1FFU
03251807 ZD7VC 599 IH74DB>IM87CS 5974 EA1HG
03251816 ZD7VC 599>IM74DB 5896 50..006 B CT1DVG
03251830 ZD7VC IH74DB>IM7AG 5915 B EB7COL
03251838 ZD7VC 599 TEP IM59 6128 006 B CT1FFU

CROATIA

03181521 9A0BHH

539 JN85JO>JN86UK 741 102 HA3HV

03241105 9A0BHH

539 JN85JO>JN86UK 884 230 SP9HWY

03231546 LZ2DFR KN221IV>JN86UK 678 110 HA3HV

EGYPT 03121127 SU5HR 33 HEHAL 2171 50.102 UT4UO

GABON 03271631 TROA TEP 4428

50..048 B CT1FFU

03271724 TROA JO40>JM19 4378

50..049 B EA6VQ

CHINA

03171735 IC8CQF R26 JN78CJ>JN70CN

OE5MPL

CAPRI

03171735 IC8CQF R26 JN78CJ>JN70CN

OE5MPL

CROATIA

03181521 9A0BHH

539 JN85JO>JN86UK 116 HA3HV

03241105 9A0BHH

539 JN85JO>JN86UK 116 HA3HV

CZECH REPUBLIC

03131638 OK2GM

JT6M RANDOM

03161728 OK2GM

JT6M 1576

DENMARK

03010857 OZ6ABA

CQ JT6M 347

03011338 OZ6ABA

CQ JT6M 1155

50..230 LA4ANA

03021944 OZ7DX

JT6M 1024

50..230 G4MQL

03030944 OZ1DJ

JT6M 1186

50..230 G4GMS

03040722 OZ6ABA

J057DJ>I091AL

1026 G4PC1

03040724 OZ6ABA

J057DJ>J048RM

150 LA8NK

03041503 OZ6ABA

JT6M 347

50..230 LA4ANA

03041858 OZ6ABA

J057DJ>J099CFC

504 SM0TSC

03052330 OZ7DX

CQ JT6M

1086 50..230 G4MQL

03062233 OZ7DX

CQ JT6M

1086 50..230 G4ASD

03081633 OZ6ABA

J057DJ>K002JD

889 SO5AS

03082114 OZ6ABA

J057DJ>I091AL

1026 G4PC1

Reports of Europe

ALAND IS.

03081846 OH0JFP

WEAK>JN65 1713 .190

S57RR

03251901 ZD7VC 599 IN51NW 6350 ..006 B EA1GAR
03251911 ZD7VC 599>IN94 6682 50..106 B F6HP
03261634 ZD7VC 599>IM59 TEP 6128 006 B CT1FFU
03261638 ZD7VC 559 IH74>JM19 6170 B EA6VQ
03271746 ZD7VC 539 6159 50..007 B CT1HZE
03271749 ZD7VC 419 5885 50..007 B CT1HZE
03271750 ZD7VC 599 5885 50..007 B CU3EQ
03271810 ZD7VC 559>HM68 6445 50..006 B CU3EQ
03281819 ZD7VC 559 TEP 5885 50..007 B CT1HZE
03282037 ZD7VC 449 6445 50..006 B CU3EQ
03292028 ZD7VC 559 TEP 5885 50..007 B CT1HZE
03292029 ZD7VC 549 TEP 5896 50..006 B CT1FFU
03302034 ZD7VC VY WEAK>JM19 615 ..007 B EA6SX
03302115 ZD7VC 519 TEP 5885 50..007 B CT1HZE
03311821 ZD7VC 519 IH74>JM19 6170 B EA6VQ
03312012 ZD7VC 419 5885 50..007 B CT1HZE

AZORES

03110130 CU3URA 599 ES 1752 50..012 B CT1FFU
03201114 CU3EQ JT6M MS 1762 50..235 CT1FFU
03251750 CU3EQ STRONG BSC 50..110 CT1FFU

BELGIUM

03111006 ON4IQ JT6M 2001 50..230 J SM0EPO
03180953 ON4IQ JT6M 2001 50..132 JF7X
03208021 ON4IQ JT6M MS 1361 50..227 J LA4ANA
03260841 ON4IQ JT6M 2126 50..230 JF2EA
03301921 ON4IQ JT6M 2126 50..130 HA1YA
03311005 OZ5MPL 25 JN78CJ>IO91AL 1203 G4PZJ

BULGARIA

03081210 LZ2CM 529 169 50..044 B LZ4KK
03180804 LZ1YG KN2200>JN86UK 741 102 HA3HV

CAPRI

03171735 IC8CQF R26 JN78CJ>JN70CN

CROATIA

03181521 9A0BHH

EGYPT

03121127 SU5HR 33 HEHAL 2171 50.102 UT4UO

GABON

03271631 TROA TEP 4428

50..048 B CT1FFU

CANARY IS.

03271724 TROA JO40>JM19 4378

50..049 B EA6VQ

CHINA

03290948 BD4SI PM01>PK10 2343 50.110 PA0HIP/DU

DAHOMEY

03081711 V51VHF 599 6832 50..021 B EA6VQ

JAPAN

03271138 JR6EXN 8839 50..065 OZ7DX

TAIWAN

03290926 JA1ZYK 3070 50..023 DU1GM

CHINA

03290936 JA1RJU 599 2993 50..110 DU1GM

CHINA

03210511 BY/VIDEO 240* S9 2414 49..75 V JG3LEB

CHINA

03171735 IC8CQF R26 JN78CJ>JN70CN

| | | | | |
|--------------------------------------|---------|--------|------------------------------------|---------|
| 03082124 029RY 1084 | 50.150 | S57R3 | 03120328 G4DEZ J003AE>JN98VC 1496 | HA6NN |
| 03082125 021MFP CQ JT6M MS 964 | .230 | G4PC1 | 03122113 G1OAR 1082SQ>J059CU 1112 | LA8NN |
| 03082125 026ABA JO5 DJ>IN73DM 1905 | .230 | EB1EHO | 03122214 G4MQL CQ JT6M 1479 | 50.-220 |
| 03100801 021MFP CQ JT6M MS 964 | .230 | G4PC1 | 03130754 G4MQL CQ JT6M 248 | 50.-230 |
| 03100927 021MFP NICE SIGNALS 1086 | | G0GMS | 03141834 G4DEZ CQ JT6M 1460 | 50.-230 |
| 03100957 026ABA JO57DJ>1091AL 1026 | | G4PC1 | 03150750 G4MQL CQ JT6M 248 | 50.-230 |
| 03110008 0270X JT6M 555 | .225 | LA4ANA | 03150859 G3UYM JT6M MS 1186 | 50.-230 |
| 03110749 021MFP CQ JT6M MS 964 | .230 | G4PC1 | 03160758 G4DEZ CQ JT6M 876 | 50.-230 |
| 03111423 021MFP JT6M J055>K029 | .230 | ES2RJ | 03161149 G7CNF 1550 | 50.-233 |
| 03111807 027IGY JO71>J055 517 | 50.021 | DH2UAK | 03161427 G4MQL Q JT6M 248 | 50.-230 |
| 03112033 026ABA JO5 DJ>J099CF 504 | | SM0TSC | 03162239 G4MQL 1655 | 50.-200 |
| 03112038 026VIF 519 TR 598 | 50.054 | B | 03170616 G4MQL SC | 50.-233 |
| 03120852 027IGY 442KM JO71>J055 .021 | | DH2UAK | 03170809 G7RAU I090112>JN78CJ 1145 | 0E5MPL |
| 03120852 022JFV JT6M 555 | 50.220 | LA4ANA | 03170836 G4DEZ J003AE>IN73DM 1154 | EB1EHO |
| 03151545 026ABA JO57DJ>IN98VC 1212 | | HA6NN | 03170837 G4MQL CQ JT6M 802 | 50.-230 |
| 03160835 021DJJ BO 103 | 50.233 | J | 03170846 G4MQL 1550 | 50.-215 |
| 03161858 027IGY 419 JO71>J055 517 | | DH2UAK | 03170918 G0GMS | 50.-218 |
| 03170832 026ABA JT6M 640 | 50.-223 | PA2V | 03170953 G1OAR JT6M MS 1192 | SP7HKK |
| 03171749 027IGY JO71>J055 517 | 50.021 | DH2UAK | 03171011 G0CHE JT6M 248 | 50.-230 |
| 03172153 0270X CQ JT6M 939 | 50.235 | DM5KMR | 03171103 G4MQL JT6M 248 | 50.-215 |
| 03180824 022JFV CQ 1146 | 50.230 | I4IKW | 03171741 G4MQL | 50.-215 |
| 03191804 022JFV JO65HP>JN99CF 519 | | PCTM | 03171840 G4IGO 10DB | 50.-230 |
| 03192011 022JFV JT6M 598 | 50.-234 | J | 03171842 G4DEZ JO03AE>JN99CF 1302 | SM0TSC |
| 03192131 022JFV JT6M 948 | 50.-220 | J | 03172034 G4DEZ JT6M MS 1412 | 50.-230 |
| 03201623 0232X JT6M TURBEN 792 | .236 | SP9HWY | 03180932 G7CNF 927 | 50.-230 |
| 03201928 021DJJ JO65HP>JN99CF 519 | | SM0TSC | 03181139 G7CNF 1122 | 50.-218 |
| 03240905 025AGQ JT65CS>JN78CJ 831 | | OE5MPL | 03181207 G7CNF 1570 | 50.-218 |
| 03241543 025AGJ JT6M BENNY 359 | *.220 | J | 03182118 G1OAR IO82>J059 | 50.-230 |
| 03250840 025AGJ JT6M BENNY 555 | *.220 | J | 03182118 G1OAR IO82>J099CF 1468 | SM0TSC |
| 03271716 023FI FINN JO46XL 357 | .096 | DL5XJ | 03191450 G4MQL 1550 | 50.-220 |
| 03302216 021DJJ ZQ60M CQ 222 | .099 | DL5XJ | 03191810 G4MQL 1081>J046 959 | 50.-220 |
| 03290928 0270X JT6M 1787 | | OE5MPL | 03200831 G4DEZ CQ 754 | 50.-220 |
| 03291836 506M BJORN | 50.-230 | J | 03202204 G1OAR IO82S>J048KM 960 | 50.-230 |
| 03291841 506M MS | 50.-230 | J | 03212026 G4DEZ J003AE>JN99CF 1302 | SM0TSC |
| 03302215 506M JT6M MATT | | SP9HWY | 03220749 G7CNF CQ JT6M 248 | 50.-230 |
| 03311049 5P12 >JM49OH | 50.155 | H | 032230910 GOGMS CQ JT6M 802 | 50.-230 |
| 03311055 5P12 MS BURST 1146 | 50.155 | H | 032231552 G8VYK CQ JT6M 1922 | 50.-230 |
| 03030208 G1OAR JT6M 1172 | 50.230 | J | 03231307 G8VYK CQ JT6M 388 | 50.-230 |
| 03031921 G0GMS 1656 | | G4DEZ | 03231646 G4DEZ CQ JT6M 2009 | 50.-230 |
| 03042147 G7CNF 1656 | | SM0TSC | 03231736 G4DEZ JT6M 991 | 50.-236 |
| 03051638 G4MQL MS 1479 | | SM0TSC | 03242005 G1OAR 1082S>J048KM 960 | 50.-236 |
| 03060851 G4DEZ J003AE>JN98VC 1496 | | J | 03242006 G1OAR 1082S>J048KM 808 | 50.-230 |
| 03030208 G1OAR JT6M 284 | 50.-230 | J | 03250906 G4DEZ CQ 991 | 50.-230 |
| 03041631 G0GMS 1656 | | SM0TSC | 03251205 G4DEZ CQ 8012 | 50.-230 |
| 03042147 G7CNF 1656 | | SM0TSC | 03261933 G4IIGO JT6M 1412 | 50.-230 |
| 03051638 G4MQL MS 1479 | | J | 03261933 G4MQL JT6M 802 | 50.-230 |
| 03060851 G4DEZ J003AE>JN98VC 1496 | | J | 03270754 G4MQL CQ JT6M 802 | 50.-230 |
| 03030208 G1OAR JT6M 265 | 50.-230 | J | 03272206 G5WQ CQ JT6M 802 | 50.-230 |
| 03080854 G4MQL CQ JT6M 248 | 50.-230 | GW6TEO | 03290324 G4FUF JT65 EME>CM88 | 50.-203 |
| 03090004 G4MQL CQ JT6M 802 | 50.-230 | EB1BMO | 03290919 G4DEZ J003AE>IN73DM 1154 | 50.-200 |
| 03091049 5P12 >JM49OH | 50.155 | H | 03301608 G4MQL JT6M 813 | 50.-230 |
| 03091829 G0GMS CQ JT6M 1186 | 50.-230 | EB1EHO | 03301633 G4MQL JT6M 813 | 50.-230 |
| 03091830 G8VYK CQ JT6M 1186 | 50.-230 | OE5DQK | 03310819 GOGMS CQ JT6M 802 | 50.-230 |
| 03091835 G0GMS CQ JT6M 802 | 50.-230 | EB1EHO | 03311012 G4PC1 I091AL>JN78CJ 1203 | OE5MPL |
| 03101138 G7CNF I091>IN91 1111 | 50.-230 | EA2BCJ | 03311833 G4DEZ NICE BURST 991 | 14IKW |
| 03101640 G0GMS TONY 1655 | 50.-230 | H | 03312305 G4MQL 1655 | 50.-200 |
| 03110035 G1OAR JT6M 1192 | 50.-223 | LA4ANA | 03312305 G4MQL 1655 | 50.-230 |
| 03110451 G1OAR JT6M 1052 | 50.-230 | SM0EPO | 03312329 G4PC1 I091AL>K002JD 1559 | 0E5MPL |
| 03111200 G4PC1 I091AL>K002JD 1559 | | SO5AS | 03311259 ES2RJ CQ JT6M 1452 | 0E5MPL |
| 03111214 G4MQL WNG GW6TEO | | SO5AS | 03311833 G4DEZ NICE BURST 991 | 14IKW |
| 03111245 G4DEZ J003AE>JN99CF 1302 | | SM0TSC | 03312305 G4MQL 1655 | 50.-230 |
| 03111445 G1OAR 1082SQ>JN99CF 1468 | | SM0TSC | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112210 G4MQL 1655 | | SO5AS | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112259 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112455 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112457 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112459 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112461 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112463 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112465 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112467 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112469 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112471 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112473 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112475 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112477 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112479 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112481 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112483 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112485 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112487 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112489 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112491 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112493 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112495 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112497 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112499 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112501 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112503 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112505 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112507 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112509 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112511 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112513 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112515 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112517 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112519 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112521 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112523 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112525 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112527 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112529 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112531 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112533 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112535 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112537 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112539 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112541 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112543 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112545 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112547 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112549 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112551 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112553 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112555 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112557 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112559 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112561 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112563 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112565 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112567 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112569 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112571 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112573 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112575 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112577 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112579 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112581 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112583 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112585 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL>JN78CJ 346 | 0E5MPL |
| 03112587 ES2RJ CQ JT6M 1452 | | PA2V | 03312329 G4PC1 I091AL> | |

03211550 HA3HV KNO6MQ>JN86UK 256 110 HA8AR
 03211652 HA8AR 49 KNO8PQ 50.165 OM3ZAS
 03241221 HA8CE JT6M MS 1767 50.227 GOCHES

IRELAND

03062302 EI2IP 1749 50.220 CT1EKD
 03071811 EI2IP 10530E>IO91AL 501 230 G4PCF
 03191840 EI612 JT65A EME>CM88 50.202 J K6QXY
 03311652 EI0SIX 539 IO63NF 280 .052 GOJHC

ISLE OF MANN

03041120 GD0TEP 4.64 50.236 GOGMS
 03131438 GD0TEP JT6M 4.64 50.238 J G4MQL
 03161516 GD0TEP EME 50.195 J K1SG
 03212017 GD0TEP EME ANDY 4.903 50.191 K1SG
 03311718 GD0TEP 16 EME 740 50.198 PETBX

ITALY

03041356 IK2JUG CQ JT6M 935 50.230 G4PCF
 03081025 IK5RLP JN52 635 50.157 S57RR
 03091813 IK2JUG JT6M STEFANO >1081 J G4MQL
 03110737 IK1PAG JT6M JN35>1081 992 J G4MQL
 03111022 I0JX 559 954 50.005 B EH5EF
 03141378 I4IKW STRONG MS 791 50.230 PA2V
 03170917 IW4ARD JN64FD>TO71LP 1542 GW6TEO
 03171038 IW5DHN CQ MS 1295 50.160 H GOCHE
 03171057 I2KBD JT6M 1110 50.230 J GW6ASD
 0317120 14IKW R26 JN78CJ>JN54VL 473 QEWTEO
 03181034 IK4ADE 362 50.140 I25EBL
 03251003 IK0EIE 1082 1064 50.222 GOGMS
 03282040 IZ4FEV 429>JN6QFV 524 .006 9A5CW
 03291102 IW2NOR JT6M 1154 50.230 J O2IBNN
 03291178 IK0EIE 1048 50.236 SP9HWY
 03292104 I4IKW 934 50.230 J DL8PM
 03301550 IK0EIE CQ JT6M 927 50.230 H GOCHE
 03311025 IZOAEQ 42>I091 889 50.170 H M5BKB
 03311036 IZ5EKV 52 1311 50.155 H GOCHE
 03312107 IW2NOR R26/R27 1247 50.230 J SOSAS

SCOTLAND

03160941 LA2PPA JT6M STEIN 50.215 J G4MQL
 03161503 LA6LII JT6M 1.185 50.218 GW6TEO
 03171195 LAJANA CQ JT6M MS 1.281 .230 G4PCF
 03220952 LA7AJ JO59BA>J032GF 787 230 PC7M
 03252006 LAJANA JO91AL 1547 G4PCF
 03271940 LA8NK JO48RM>KO29KM 920 234 ES2RJ
 03302150 LA8NK JO48RM>I083LB 958 230 GW8ASD

POLAND

03021010 SO1K JT6M MS 712 50.223 OZ1DJJ
 03041116 SP9HWY JUREK 1562 50.230 GOGMS
 03041717 SOSAS KO02JD>J090NH 234 235 SP9HWY
 03051832 SOSAS KO02JD>J099WC 803 235 SM0TSC
 03042157 SP9HWY JO90NH>I083LB 1551 GW8ASD

SERBIA

03021055 SOSAS KO02JD>J090NH 234 230 SP9HWY
 03101153 SOSAS STEVE 1655 50.227 J G4MQL
 03101641 SOSAS 1655 50.230 GOGMS
 03102141 SOSAS 1655 50.200 G4MQL
 03111142 SOSAS KO02JD>I091AL 1559 G4PCF
 03111210 SOSAS KO02JD>I071LP 50.230 H G4MQL
 03111225 SOSAS KO02JD>J071LP 1763 GW6TEO
 03111228 SOSAS 1655 50.200 G4MQL

ROMANIA

03041117 YOSBIM PITU 524 50.110 W HA8CE
 03110742 YO4CPQ 793 50.230 SP9HWY

SARDINIA

03041121 IS0GQX JM49OH>IN73DM 1326 EB1EHO

LITHUANIA

03111122 LY2BAW TADAI 929 50.102 DL5XJ
 03111123 LY2BAW 429 ES 1080 1939 102 G4IGO
 03111127 LY2BAW 599 KO25KA>I0901IR 1807 G7RAU
 03111128 LY2BAW 559 1939 50.102 GOCHE

LUXEMBOURG

03120921 LX0SIX 539 J031TO TR 310 H DI2DR
 03121023 LX0SIX 529 MNI OSB 361 .023 B PB0AHX
 03161652 LX0SIX 539TR JN39>J050 306 B DR2EA
 03171444 LX0SIX 319 JN39BF>J050LE 363 DL1NUX
 03171447 LX0SIX 4139AV>J040LN 220 DL2FDL
 03231249 LX0SIX 4139TR JN39>J050 306 B DK2FA
 03251429 LX0SIX 429 NOR 355 50.022 DL2FDL
 03311429 LX0SIX 419 JN39>J050 306 B DK2EA

SCOTLAND

03251751 CT1FFU 559HM68KP 1762 .031 B CU3EQ
 03291175 SP9HWY 1048 50.227 J G4MQL
 03292158 SOSAS 674 50.230 J DL8PM
 03292159 SOSAS KO02JD>I083LB 1605 GW8ASD
 03301445 SOSAS KO02JD>J048KM 1031 LA8NK
 03312201 SE9HWY JUREK 707 50.230 J SM0EPO
 03312233 SOSAS 632 50.230 J SM0EPO

NETHERLANDS

03010226 PC7M JT6M 959 50.236 J I44ANA
 03111347 PA2V JT6M PETER 596 50.234 J G4MQL
 03161524 PI7SIX 529>J031AE 364 .053 G4DEZ
 03120904 PI7SIX 559 J031TO TR 310 H DL2DR
 03161630 PC7M JN32GF>JN98VC 1047 230 H A6NN
 03161640 PA2V STRONG 50.230 HA6NN

PORTUGAL

03011357 CT1EKD 1762 50.036 B CU3EQ
 03011405 CT0SIX 559HM68KP 1762 .031 B CU3EQ
 03051650 CT1FFU TONY JT6M 802 50.230 J G4MQL
 03080004 CT1FFU CQ JT6M 1479 50.230 G4MQL
 03101156 CT1FFU 59>JN98SR 588 50.150 EADWS
 03110101 EB1EHO CO JT6M 802 50.230 G4MQL
 03111131 EB1EHO PINGS 50.035 B EA8BPK
 03111334 EH1EBO JT6M 1534 50.230 G4PCF
 03140810 EB1EHO IN73DM>I091AL 928

NORWAY

030302952 PC7M CQ JT6M 466 50.230 OZ5AGJ
 032209304 PE1BTX JT65 EME 50.203 J K6QXY
 03040125 PA7TA JT6M 1274 50.225 J EB1EHO
 033110815 PC7M J032GF>IN73DM 1327 230 EB1EHO

ROMANIA

031111655 CT1EKD JT6M IM59>J081 1412 J G4MQL
 03112118 CQ3SIX STRONG 1365 50.035 EA8BPX
 03121231 CT1FFU 2251 50.110 DK2DB
 03171118 CT1FFJC IM57>J071 1603 50.235 GW6TEO
 03121206 CT1FFJC JT6M IM57>J081 1626 J G4MQL
 03200116 CT1FFU JT6M IM59>HM68 50.235 J CU3EQ
 03211751 CT1FFU 55>HM68KP 1762 .110 CU3EQ
 03311752 CT1HZE 28 IM57NH>J022XW 2081 PE1BTX

SLOVENIA

03070020 GB3ILER 54A>J075 629 50.064 B MM0AMW
 03181003 GM4WWJA JT6M 1271 50.230 J BB9ADJ
 03212251 MM0AMW I075EJ>FN42FE 4844 K1SG
 03222215 GB3ILER 429 IP20>IN96 1558 B F5TND
 03241942 GM4WVX STRONG ES 50.150 IK1PAG
 03261718 GB3ILER 52A TO88> AU 249 NM5AJW
 03310415 MM0AMW JT65 EME>CM88 50.203 J K6QXY

SERBIA

03151527 YU1LIR 57 JN940M>KN06MQ 279 HA8AR
 03180802 YU7AU 579 JN86UK>KN04HU 286 HA3HV
 03231639 YTIAU KN06>RN04 222 50.110 HA8AR

SICILY

03110916 IT9X 579 >IN73 50.057 B EB1EHO
 03291753 IT9X LOUD 1203 50.057 B IW9CVJ
 03300812 IT9X 1203 50.057 B 1Z8EPY

SLOVAKIA

03270952 OM5RM JN98>J071 50.218 DH2UAK
 03292338 OM5KM JN98BG>I083LB 1576 50.218 GW8ASD

SPAIN

03081821 S57RR 635 50.157 W IK5RIP
 03081914 S57RR 1557 50.136 W IA4LN
 03082117 S57RR ROBERTO 779 50.150 IZ1GCV
 03092134 S57RR 55>JN65 627 50.150 DL3LFA
 03151619 S57RR 579 JN67 681 50.107 IK4ADE
 03181027 S56WDN 520 50.155 HA3HV
 03181149 S50L 59 JN75E5S>JN86UK 267

SWITZERLAND

03081821 S57RR 635 50.157 W IK5RIP
 03081914 S57RR 1557 50.136 W IA4LN
 03082117 S57RR ROBERTO 779 50.150 IZ1GCV
 03092134 S57RR 55>JN65 627 50.150 DL3LFA
 03151619 S57RR 579 JN67 681 50.107 IK4ADE
 03181027 S56WDN 520 50.155 HA3HV
 03181149 S50L 59 JN75E5S>JN86UK 267

SWEDEN

03081821 S57RR 635 50.157 W IK5RIP
 03081914 S57RR 1557 50.136 W IA4LN
 03082117 S57RR ROBERTO 779 50.150 IZ1GCV
 03092134 S57RR 55>JN65 627 50.150 DL3LFA
 03151619 S57RR 579 JN67 681 50.107 IK4ADE
 03181027 S56WDN 520 50.155 HA3HV
 03181149 S50L 59 JN75E5S>JN86UK 267

THAILAND

03081821 S57RR 635 50.157 W IK5RIP
 03081914 S57RR 1557 50.136 W IA4LN
 03082117 S57RR ROBERTO 779 50.150 IZ1GCV
 03092134 S57RR 55>JN65 627 50.150 DL3LFA
 03151619 S57RR 579 JN67 681 50.107 IK4ADE
 03181027 S56WDN 520 50.155 HA3HV
 03181149 S50L 59 JN75E5S>JN86UK 267

U.S.A.

03021350 EB1EHO CO JT6M 802 50.230 G4MQL
 03021515 EB1EHO LUIS 802 50.230 J GOGMS
 03041142 EB1EHO CO JT6M 802 50.230 G4MQL
 03050914 EB1EHO CO JT6M 802 50.230 G4MQL
 03080001 EB1EHO CO JT6M 802 50.230 G4MQL
 03091159 EB1EHO CO JT6M 802 50.230 G4MQL
 03101038 EB1EHO IN73DM>I091AL 928 G4PCF
 03101045 EC1IDMY 37DB 1926 50.230 QESMPL
 03101123 EB1EHO IN73DM>I083LB 1078 GW8ASD
 03101758 EA5DWS BSC 375 50.110 CT1FFU
 03110858 EB1EHO CO JT6M 802 50.230 H G4MQL
 03121001 EB1EHO CO JT6M 802 50.230 G4MQL
 03111011 EB1EHO CO JT6M 802 50.230 G4MQL
 03111131 EB1EHO PINGS 50.035 B EA8BPK
 03111334 EH1EBO JT6M 802 50.230 G4PCF
 03140810 EB1EHO IN73DM>I091AL 928 G4PCF

ST KITTS & NEVIS IS.

03171305 W4RVZ EM83>FM16 639 50.265 AG4ZE
 03180025 V44KAI 559>GG66VA 4958 -0.053 B PY2MTV WZ8D
 03181345 K24RR 53 EM90>EM89 412 50.125 AG4ZE
 03181354 AC4TO 11.26 WZ8D
 03181434 W4/W9DR DAVE 353 50.138 WZ8D
 03181434 W4/W9DR EM83>EM93 1.85 50.125 K8LEE
 03212251 K14AQO EM83>FM03 3 370 50.125 AG4ZE
 03212251 K14AQO EM83>FM03 3 370 50.125 AG4ZE
 03221157 W4/W9DR 5.9 EL86>EM79 1.457 W8IF
 03221157 W4/W9DR 5.9 EL86>EM79 1.457 W8IF
 03231246 KE4WBO 41A EM83>EL96 801 WZ8D
 03231246 KE4WBO 41A EM83>EL96 801 WZ8D
 03241406 W4/W9DR EM83>EM93 1.45 50.125 AG4ZE
 03250018 AG4ZE EM83>FM28 908 50.125 WZ8D
 03251207 K24RR EM90>EM92 1.34 50.130 VE3DXP
 03251333 K24RR EM90>EM89 1.016 50.125 WZ8D
 03271200 J4WDR 5.3 EL86>EM79 1.457 W8IF
 03311154 K24RR 53MS EM90>EM79 10.64 W8IF
 03311215 K4RPA EM75>EM89 478 50.125 WZ8D
 03311233 K4CEB EM95>EM89 478 50.145 WZ8D
 03311234 NC4WB EM84>EM89 555 50.154 WZ8D
 03311512 AC4TO EM70>EM89 1.016 50.126 WZ8D
 03311515 W4/N5BO EM60>EM89 1.99 50.126 WZ8D

United States, W1

03171337 W1JJ -14 EME 4969 50.245 G4IGOE
 03171339 W1JJ 52 (9) 50.245 DL5MAE
 03181709 W1JJ 1.2DB MICK 50.206 GOJHIC
 03201850 W1JJ 2.6 EME JT65A 50.203 G4PC1
 03251202 W1JJ 24 EME 4969 50.203 G4IGO
 03261926 K1SG FN42FF>JO22XW 5643 205 C WZ8D
 03302310 K1SG FN42FF>JO22XW 5643 199 PE1BTX
 03010151 W2GFF LOUD EM60 1708 50.125 WZ8D
 03042321 WB2STI EL99>EM60 526 50.125 N5BO/4
 03042327 K2EK 59 EM22 2077 50.125 WZ8D
 03101512 K2SEI EM93>EL99 483 50.125 AG4ZE
 03110308 N2KNC NEWARK OH 701 50.125 K8SM
 03260033 W2GFF EM60>EM89 1064 50.099 WZ8D

United States, W2

03010151 W2GFF LOUD EM60 1708 50.125 WZ8D
 03010225 W5/KH6TY EL15>DM65RD 1.35 N5JEH
 03010249 KD5HOV EL17>DM65RD 50.130 N5JEH
 03042335 W5NNTW EM29>EL88 1.81 K2EK
 03042352 W5UOWB EL17>EL99 1.57 50.125 WA2SEI
 03080110 WB5LLI 599 1559 50.060 B XE3ARV
 03080146 N5BLB AU 579>EK15 1582 50.060 B XE3ARV
 03081600 K5AB 559 1559 50.112 XE3ARV
 03131347 WQ5S 41A EM83>EM13 1296 263 AG4ZE
 03131547 WQ5S 41A EM83>EM13 1296 263 AG4ZE
 03140327 W5KI EM36>FM19 1.438 50.255 NOKJ
 03171213 N5BLZ 1.6DB EME 91.18 50.192 IW5DHN
 03171441 N5SIX 41A EM83>EM42 753 260 AG4ZE
 03190212 N5SIX EM42 753 260 AG4ZE
 03231322 WA5UUD EM33>EM62 3.89 50.125 AK3E
 03251230 N5SIX/M EM52>EM60 323 .263 N5BO
 03251403 K0VUY EM4851>EM89 657 50.125 WZ8D
 03260042 K0GUV ED 1.348 50.125 WZ8D
 03261500 K0RP 449 EN36>EM36 1111 073 B W5KI
 03261612 W0MFK 51.9 DM59 90.2 50.065 B KE7V
 03311518 K0VUY 59 EM4851>EM89 657 WZ8D

United States, W3

03260051 K3TRK FM28FN>EM89 652 .133 WZ8D

United States, W4

03010145 W4/W9DR 559 EL86>EM89 -1.25 WZ8D
 03010148 W4/N5BO EM60>EM89 1064 -1.25 WZ8D
 03010212 K4AHO 59 EL98>EM89 1.236 1.25 WZ8D
 03010215 W4CHA EL188>EM89 1.222 50.080 B WZ8D
 03020142 K4EZB EL99>EM89 1.126 50.145 W8IF
 03031309 K24RR 5.3 EM90>EM19 1064 1.25 H W8IF
 03042253 W4CLM 559 EM95>EK59 1.943 B XE3ARV
 03042257 KE4SIX 559 EM83>EK59 1666 XE3ARV
 03042307 AG4ZE 599 1.165 50.110 XE3ARV
 03042316 KD4NMI 100W 1165 50.060 B XE3ARV
 03050031 W4WBZ EL98>EM60 568 50.125 N5BO/4
 03071251 K4KW S9 TOM 1165 50.100 XE3ARV
 03081348 W4/W9DR 529 EL16>EM79 1457 W8IF
 03081523 N4QZ EL88>FM16 1.051 50.125 W4RVZ
 03081523 WARVZ FM16>EL88 1.051 50.125 N4ZQ
 03160030 N4QWZ EM66>EM89 4.83 50.125 WZ8D
 031602157 W4/N5BO 4.29 EM60>EM79 101.6 W8IF
 03160221 W4/N5BO 4.29 EM60>EM79 101.6 W8IF
 03160235 K4VFDZ EM97>EM89 282 50.125 WZ8D
 03160012 N4VO5 EM81>EM89 222 50.125 WZ8D
 03160027 W4/W9DR 5.9 EL86>EM89 1.445 WZ8D
 03160030 N4QWZ EM66>EM89 4.83 50.125 WZ8D
 031602157 W4/N5BO 4.29 EM60>EM79 101.6 W8IF
 03161212 K24RR 5.2 EM90>EM79 1064 1.45 W8IF
 03161212 W4/W9DR 5.1 EL86>EM79 1.457 W8IF
 03171242 W4/W9DR 5.3 MS EL86>EM79 1457 W8IF

United States, W6

03030557 K6MYC DM42>EM00 1.158 50.125 AA5XE
 03030615 K6OQX 19 CM88QL>JO22XW 8708 J PE1BTX
 031290313 K6QXY 19 CM707A>K029RM 8793 J ES2RJ
 032290322 K6MYC DM09>CN85RL MS 50.125 PE1BTX
 03270106 KD7TJC 559 CN86 972 50.125 K17JA
 03010241 K7NN DM42>EM00 1.158 50.125 AA5XE
 03171357 W7GJ -24 EME 7739 50.245 G4IGO
 03241450 K7XC MS DM090L>CN85 752 125 N7DB
 03251546 K7XC DM09>CN85RL MS 50.125 PE1BTX
 03270106 KD7TJC 559 CN86 972 50.125 K17JA
 03060631 VK4REG 50W 3EL 6257 50.130 JH6QLB
 03060631 VK4RTL 6257 50.087 B JG3LEB
 03020415 VK4RTL >QM05 59 8139 46.172 V JG3LEB
 03060619 VK4BOP SSB 6257 50.110 JG3LEB
 03140330 VK4RTL >PM74 50.110 H JG3LEB
 03240523 VK VIDEO S5 46.240 V JG3LEB
 03010430 VK4RTL >QM05 59 8139 46.172 V JG3LEB
 03070431 VK4RTL >QM05 59 8139 46.172 V JG3LEB
 03130457 VK4BOP CQ SSB 6257 50.110 JG3LEB
 03130500 VK4RTL >QM05 50.0875 B JA1VOK

Reports of Oceania**Australia, General**

03140309 W9R9L EM61>EM89 1.763 50.076 B WZ8D
 03180206 K9OIM EM56>EM89 622 50.125 WZ8D
 03271340 W9NHE 41A EM53>EM83 1227 50.260 AG4ZE
 03311346 N9EGT 1.335 50.260 AG4ZE

Australia-Queensland-VK4

03102354 W8TAH 41 EM91>EM60 1287 265 N5BO/4
 03111312 N8OC EM83>EM83 1111 50.253 AG4ZE
 03122148 W8IF EM19>EM60 982 50.125 N5BO
 03140237 K8PEB EM73>EM51 396 50.065 B K9PPY
 03160021 N8RGQ EM97>EM89 282 50.125 WZ8D
 03160128 WZ8D EM89>EM60 1019 50.126 N5BO/4
 03160128 WZ8D EM89>EM60 1064 50.126 N5BO/4
 03251403 WZ8D JOHN 1820 50.125 W W5DN
 03311515 WZD 559 EM89>EL96 50.126 KE4WBO

United States, W7

03010133 KOVUY 59 EM4851>EM89 657 WZ8D
 03140309 W9R9L EM61>EM89 404 50.076 B WZ8D
 03180206 K9OIM EM56>EM89 622 50.125 WZ8D
 03271340 W9NHE 41A EM53>EM83 1227 50.260 AG4ZE
 03311346 N9EGT 1.335 50.260 AG4ZE

United States, W8

03010133 KOVUY 59 EM4851>EM89 657 WZ8D
 03010206 WOLPD EM00>EM89 1.763 50.076 B WZ8D
 03010206 KOVUY 59 EM851>EM89 657 1.25 WZ8D
 03060203 K0VUY 57 EM4851>EM79 488 W8IF
 03062300 KOVUY 57 EM4851>EM79 488 W8IF
 03112215 KOVUY 56 EM26>EM79 1.123 125 W8IF
 03122242 W0IJR 51.9 DM79>EM88 1.746 B KE7V
 03131411 N0LL EM09>EM17 282 50.078 B NOJK
 03140303 K0VUY 56 EM36>EM89 1.123 50.073 B WZ8D
 03160245 K0VUP EM36>EM89 1.123 50.073 B WZ8D
 03160303 N0LL EM09>EM89 1.370 50.078 B WZ8D
 03180206 KOVUY 59 EM4851>EM89 657 50.073 B K8EB
 03240218 K0VUP 52A EM26>EM44 382 008 B WZ8D
 03180303 K0VUP 52A EM36>EM44 382 008 B WZ8D
 03240221 KOVUY 54A EM18>EM44 638 008 B K9MU
 03240224 K0VUP 58A EM36>EM44 271 073 B K9MU
 03240234 K0VUP AURORA EM36>EM44 373 B NOUV
 03241030 K0VUP 53A EM36>EM83 8.53 0.073 B N8OC
 03251403 K0VUY EM4851>EM89 657 1.25 WZ8D
 03251410 W0/W6QAL 50 DM79>EM89 1.882 WZ8D
 03260042 K0GUV ED 1.348 50.125 WZ8D
 03261500 K0RP 449 EN36>EM36 1111 073 B W5KI
 03261612 W0MFK 51.9 DM59 90.2 50.065 B KE7V
 03311518 KOVUY 59 EM4851>EM89 657 WZ8D

United States, W9

03010209 N5TYL 59 EL29>EM89 1560 125 WZ8D

United States, W5

03010209 N5TYL 59 EL29>EM89 1560 125 WZ8D
 03010225 W5/KH6TY EL15>DM65RD 1.35 N5JEH
 03010249 KD5HOV EL17>DM65RD 50.130 N5JEH
 03042335 W5NNTW EM29>EL88 1.81 K2EK
 03042352 W5UOWB EL17>EL99 1.57 50.125 WA2SEI
 03080110 WB5LLI 599 1559 50.060 B XE3ARV
 03080146 N5BLB AU 579>EK15 1582 50.060 B XE3ARV
 03081600 K5AB 559 1559 50.112 XE3ARV
 03131347 WQ5S 41A EM83>EM13 1296 263 AG4ZE
 03140327 W5KI EM36>FM19 1.438 50.255 NOKJ
 03171213 N5BLZ 1.6DB EME 91.18 50.192 IW5DHN
 03171441 N5SIX 41A EM83>EM42 753 260 AG4ZE
 03190212 N5SIX EM42 753 260 AG4ZE
 03231322 WA5UUD EM33>EM62 3.89 50.125 AG4ZE
 03251230 N5SIX/M EM52>EM60 323 .263 N5BO
 03251403 K0VUY EM26>EM89 1479 50.125 WZ8D
 03281233 W5GPM EM26>EM18 283 50.065 B XE3ARV
 03311354 N5SIX 1722 50.253 AG4ZE
 03311453 W5KI 1722 50.256 AG4ZE

United States, W6

03010145 W4/W9DR 559 EL86>EM89 -1.25 WZ8D
 03010148 W4/N5BO EM60>EM89 1064 -1.25 WZ8D
 03010212 K4AHO 59 EL98>EM89 1.236 1.25 WZ8D
 03010215 W4CHA EL188>EM89 1.222 50.080 B WZ8D
 03020142 K4EZB EL99>EM89 1.126 50.145 W8IF
 03031309 K24RR 5.3 EM90>EM19 1064 1.25 H W8IF
 03042253 W4CLM 559 EM95>EK59 1.943 B XE3ARV
 03042257 KE4SIX 559 EM83>EK59 1666 XE3ARV
 03042307 AG4ZE 599 1.165 50.110 XE3ARV
 03042316 KD4NMI 100W 1165 50.060 B XE3ARV
 03050031 W4WBZ EL98>EM60 568 50.125 N5BO/4
 03071251 K4KW S9 TOM 1165 50.100 XE3ARV
 03081348 W4/W9DR 529 EL16>EM79 1457 W8IF
 03081523 N4QZ EL88>FM16 1.051 50.125 W4RVZ
 03081523 WARVZ FM16>EL88 1.051 50.125 N4ZQ
 03160030 N4QWZ EM66>EM89 4.83 50.125 WZ8D
 031602157 W4/N5BO 4.29 EM60>EM79 101.6 W8IF
 03160221 W4/N5BO 4.29 EM60>EM79 101.6 W8IF
 03081348 W4/VFDZ EM97>EM89 282 50.125 WZ8D
 03160012 N4VO5 EM81>EM89 222 50.125 WZ8D
 03160027 W4/W9DR 5.9 EL86>EM89 1.445 WZ8D
 03160030 N4QWZ EM66>EM89 4.83 50.125 WZ8D
 031602157 W4/N5BO 4.29 EM60>EM79 101.6 W8IF
 03161212 K24RR 5.2 EM90>EM79 1064 1.45 W8IF
 03161212 W4/W9DR 5.1 EL86>EM79 1.457 W8IF
 03171242 W4/W9DR 5.3 MS EL86>EM79 1457 W8IF

ARRL Offers Alternate Approach to "Regulation by Bandwidth"

The ARRL letter announced a revision to its November 2005 Petition for Rule Making RM-11306. The league had asked the FCC to establish a regulatory regime that would segment bands by necessary bandwidths ranging from 200 Hz to 100 kHz rather than by emission mode. The ARRL now is urging the FCC to adopt a "subset" of the rules contained in its original petition that largely affects only the amateur bands at 28 MHz and above.

"Before the proposals affecting the bands above 28 MHz had not aroused much controversy, they were retained in the shortened list," ARRL CEO David Sumner, K1ZZ, explained this week. "Regulation by bandwidth rather than by mode of emission remains controversial below 28 MHz because of its perceived potential impact on established operating patterns, so these proposals were removed from the list with one narrow exception."

That exception addresses the fact that current rules impose no effective bandwidth limit on HF digital operation. "Digital emissions using multiple carriers, such as OFDM [orthogonal frequency division multiplexing], can be designed for any bandwidth while staying within the existing rules," Sumner points out, "so, the subset of

proposed rule changes includes a bandwidth limit of 3 kHz on RTTY and data emissions below 28 MHz." The proposed 3 kHz RTTY/data bandwidth limit aims to avoid the possibility existing under the present rules that a single digital station could monopolize large MF and HF band segments. In an Erratum this week, the ARRL also asked the FCC to retain the existing 500 Hz bandwidth limit that applies to certain automatically controlled RTTY/data stations under 97.221.

If the FCC adopts the League's revised proposals, the 10, 6, and 2 meter amateur bands would be segmented into subbands allowing maximum emission bandwidths of 200 Hz, 500 Hz, 3.0 kHz (with an exception for double-sideband, full-carrier AM phone), 16 kHz or 100 kHz. Above 222 MHz, the entire emission must be within the allocated Amateur Radio band to comply with 97.307(d).

The ARRL has proposed no change to 97.305(a) of the rules, which authorizes CW on all amateur frequencies except on 60 meters; however the league has petitioned the FCC to permit CW and other modes on 60 meters in addition to the presently permitted USB.

"Regulation by bandwidth provides a better regulatory framework, not only for the introduction of future digital emissions but for the protection of traditional narrowband modes as well," Summer asserted this week.

JA1VOK sent us a copy of a QSL card he received from BV2B for a 2m Es contact he made last June, along with a note that 6m conditions were improved there in March (due to Transequatorial Propagation).

